

AMENDMENTS TO THE SPECIFICATION**In the Specification:**

Page 1, line 2, after the title, please insert the following new paragraph:

Related Applications

This application is a 35 U.S.C. 371 national stage filing of International Application No. PCT/JP03/06928, filed 2 June 2003, which claims priority to Japanese Patent Application No. 2002-163850 filed on 5 June 2002 in Japan. The contents of the aforementioned applications are hereby incorporated by reference.

Page 18, beginning line 7, please replace the paragraph as follows:

Figs. 12 are cross-sectional views showing a specific example of the actuator of the present invention. The actuator comprises a pair of coil-spring-shaped, resilient shape memory members 101, 102, a movable member 30 comprising a magnetic field generator 3 such as an electromagnetic coil fixed to ends of the resilient shape memory members, a pair of ring-shaped permanent magnets 13a, 13b fixed to the outer ends of the resilient shape memory members ~~1, 1,~~ 101, 102, a shaft 11 fixed to the movable member 30, and a cylindrical frame 8 covering them.

Page 19, beginning line 16, please replace the paragraph as follows:

The permanent magnets ~~7, 7~~ 13a, 13b are fixed to the cylindrical frame 8 such that magnetic poles with the same polarity are facing each other. The cylindrical frame 8 is preferably made of a nonmagnetic body such as an Al alloy and a resin. The stoppers 81, 82 for regulating the stop positions of the movable member 30 are formed on the inner surface of the cylindrical frame 8. Though the stoppers 81, 82 may have any shapes, they are preferably annular flanges in view of durability as shown in Fig. 14. The cylindrical frame 8 has an outlet 16 for a lead wire 31 of the magnetic field generator 3. As shown in Fig. 16, the cylindrical

frame 8 may have windows 15 to prevent the accumulation of heat generated from the magnetic field generator 3.

Page 32, beginning line 5, please replace the paragraph as follows:

When the magnetic field generator 3 shown in Fig. 22(a) is energized, the permanent magnets 13a, 13b are attracted to the magnetic field generator 3 so that the movable members 30a, 30b are moved inward. Thus, the resilient shape memory member 1 is compressed. When the movable members 30a, 30b are further moved inward, the flanges 171b, 171b come into contact with the stoppers 82, 82 so that the movable members 30a, 30b are stopped as shown in ~~Fig. 20(b)~~ Fig. 22(b). When the magnetic field generator 3 is de-energized, the permanent magnets 13a, 13b are returned to the positions shown in Fig. 22(a) by the action of the resilient shape memory member 1.